Integrated Climate Adaptation and Resiliency Program

Technical Advisory Council 4th Quarter Meeting

DECEMBER 10, 2021

9:30 – 4:00PM

Agenda

Item 1 | Welcome & Roll Call

Item 2 | Meeting Minutes

Item 3 | State Agency Updates

Item 4 | ICARP Programmatic Updates

Item 5 | 2022 ICARP Priorities

LUNCH BREAK

Agenda

Item 6 | Afternoon Workshop: Aligning Planning, Funding, & Capacity Building for Climate Resilience

Item 7 | General Public Comment

Item 8 | Closing, Future Agenda Items, & Meeting Adjourned

Item 1 | Welcome & Roll Call

Item 2 | Meeting Minutes

ACTION

Approve the ICARP Technical Advisory Council 3rd Quarter meeting minutes from 9/10/2021.

Item Public Comment

Item 3 | State Agency Updates

Welcome, Sam Assefa!

OPR Director

ICARP Team Structure

TECHNICAL ADVISORY COUNCIL	CLIMATE SERVICES	5TH CLIMATE ASSESSMENT	ADAPTATION PLANNING GRANTS	REGIONAL PLANNING & IMPLEMENTATION
• Quarterly meetings & workgroups • Interagency coordination and alignment	• Science Advisory Group • Adaptation Clearinghouse; Vulnerable Communities Platform; Cal-Adapt visualizations • Technical Assistance and guidance	• Actionable climate science • Primary research • Synthesis and translation resources • Tribal Research Grant Program	• Adaptation planning grants • FEMA Cooperative Technical Partnership	• Regional resilience planning and implementation grants • Scaling regional solutions

Item Public Comment

Item 4 | ICARP Programmatic Updates

TAC Priority Areas

1. Resilience Metrics & Measurable Outcomes

2. Decision Support Tools & Guidance

3. Building Partnerships & Leveraging Resources

4. Funding & Financing

5. Climate Equity & Vulnerable Communities

6. Additional Relevant Projects

Resilience Metrics

- CA Climate Adaptation Strategy

- TAC Resilience Metrics Work Group meetings (10/20/21 and 11/18/21) – focused on social resilience

Decision Support Tools & Guidance

- Adaptation Clearinghouse

- Climate Resilience Plan Alignment Guides: Wildfire, Flood-After-Fire, and Coastal

Building Partnerships & Leveraging Resources

- Community Planning and Capacity Building Recovery Support Function

- Technical Assistance for Integrated Planning

Funding & Financing

- FEMA Cooperative Technical Partners

- CDI Climate-Safe Infrastructure Sub-group

- Prop 84 Wildfire Recovery & Resilience Grants

Climate Equity & Vulnerable Communities

- Vulnerable Communities Platform

Additional Relevant Projects

- CA Climate Adaptation Strategy
- Extreme Heat Framework

Item Public Comment

Item 5 | 2022 ICARP Priorities

ICARP TAC
Impact and Visioning

2021 Impact Report

- Draft under development
- Bring back to TAC in March

Current TAC Priority Areas

1. Resilience Metrics & Measurable Outcomes

2. Decision Support Tools & Guidance

3. Local Implementation

4. Funding & Financing

5. Climate Equity & Vulnerable Communities

6. Additional Relevant Projects

Discussion Questions

Are these still the priorities that should guide our work moving forward?

Are there any gaps that necessitate the addition of new priorities?

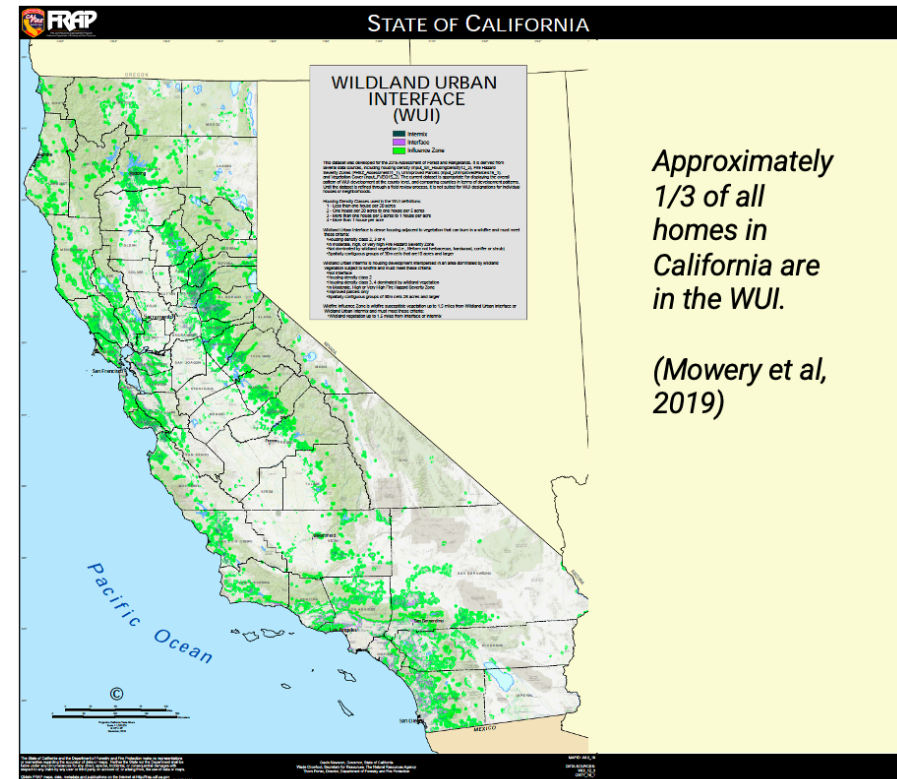# Item Public Comment

Back at 1:00 pm

Afternoon Workshop:
Aligning Planning, Funding, and Capacity Building for Climate Resilience

Wildland-Urban Interface Best Practices & Plan Alignment Guides

Project Overview

Conduct research to inventory and publish local government **best practices for planning and enforcement** that address and reduce wildfire hazards and risks in the wildland-urban interface (WUI).

Approximately 1/3 of all homes in California are in the WUI.

(Mowery et al, 2019)

https://frap.fire.ca.gov/mapping/pdf-maps/

Project Partners

Community Wildfire Planning Center

Office of Planning and Research

CALFIRE

Board of Forestry and Fire Protection

Project Timeline

Spring 2022

Create Best
Practice
Criteria

Survey
Practitioners

Develop Case
Studies

Inventory
Existing Tools

Interview
Communities

Publish to the
Adaptation
Clearinghouse

Summer 2021
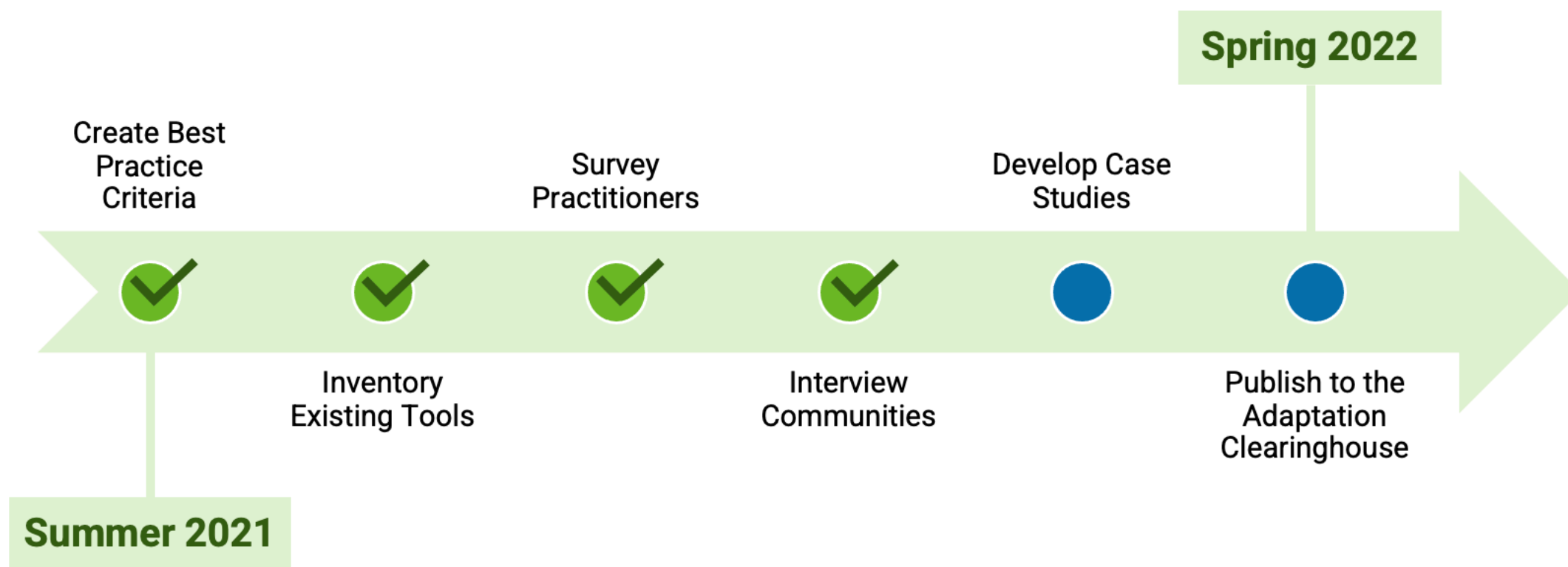
Best Practice Criteria

Relevancy

Efficiency

Innovation

Effectiveness

Replicability

Equity

Collaboration

Sustainability

WUI Inventory

CWPC reviewed planning tools across...

- 39 Tribal Nations
- 58 Counties
- 189 Local Responsibility Area (LRA) Jurisdictions

The inventory provides a broad snapshot of plans, regulations, and other related activities for pre- and post-fire planning.

Survey Participation

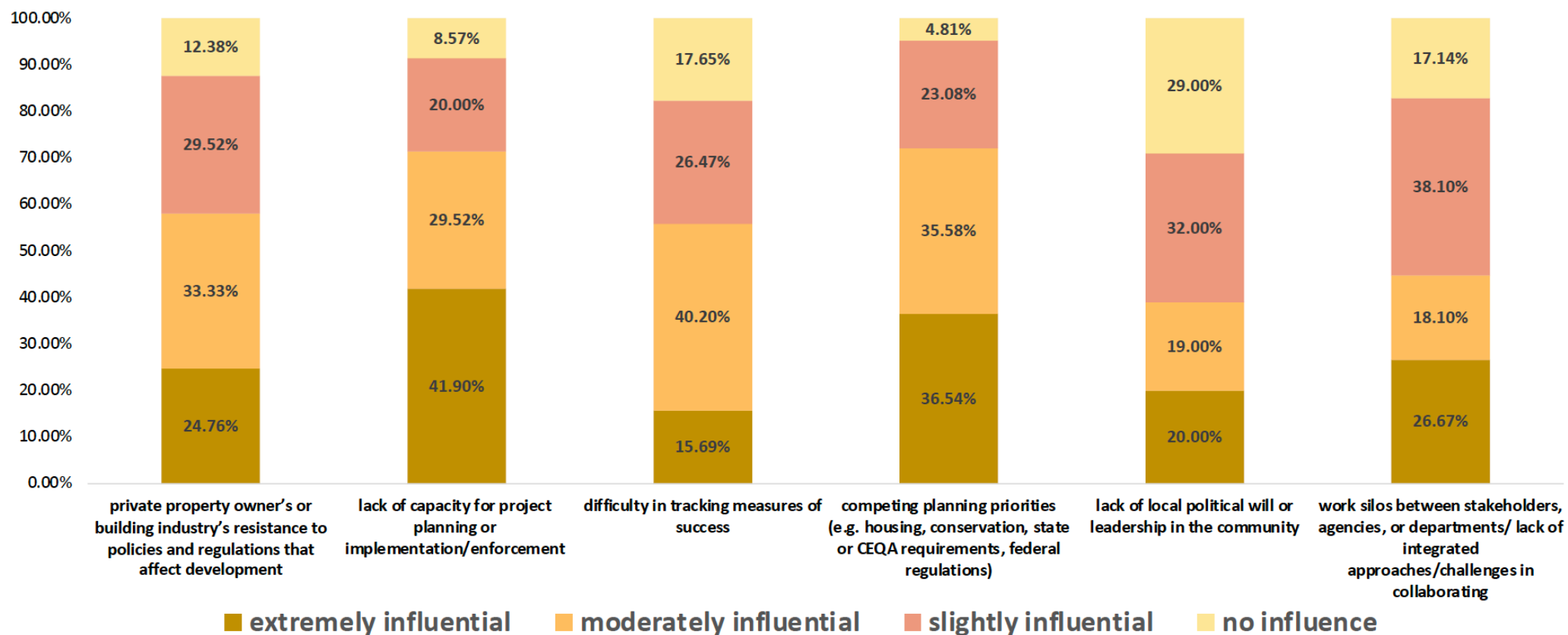Responses accepted July 29 - August 20, 2021 (3 weeks)

16 Questions

The survey was forwarded to planning departments, BOF and CALFIRE listservs, the pre-fire engineer mailing list, and FPO groups.

117 Responses

Survey Goal: Cast a wide net to identify potential best practices and planning tools.
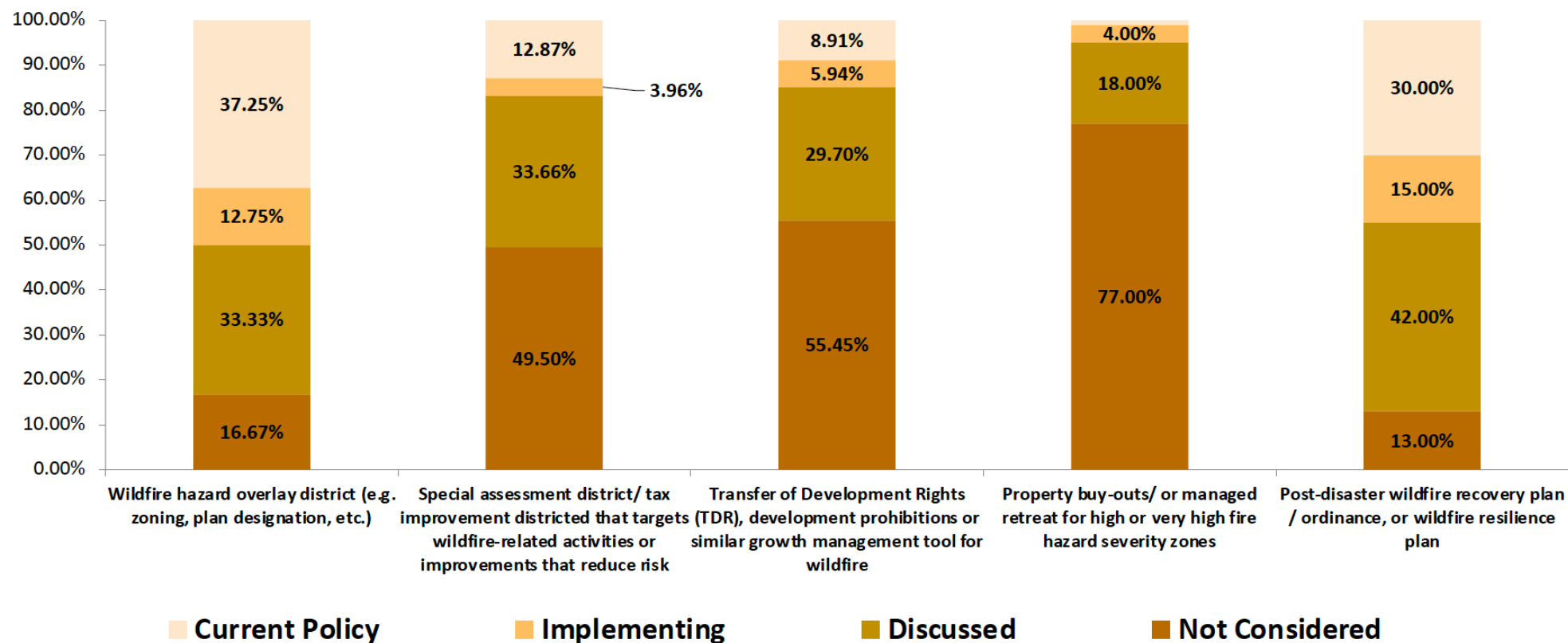
Survey Findings- Barriers

Survey Findings- Tools

Survey Findings- Planning Efforts

Insights regarding city and county actions to reduce wildfire risk.

Response from the Wine Growers of Napa County

"Napa County requires fire hardening and fire resistive construction, has updated its fire abatement ordinance, adopted a countywide CWPP, includes CEQA and road safety review of all proposed projects, and bans events on red flag warning days. Napa is currently implementing IQ Firewatch - a Fire sensing technology with an artificial intelligence surveillance system for the early detection of wildfires"

Kent Nishimura/Los Angeles Times

Community Wildfire Planning Center| August 31, 2021

Survey Findings- Planning Tools

Sally Dowd/ The Daily Californian

Daylighted new planning tools that are being created to reduce wildfire risk.

Response from Lawrence Berkeley National Laboratory

We created a "risk-based matrix for building protection that can be adapted for use in jurisdictions with varying needs, and as part of Community Firewise Assessments. **It could be used at a parcel or neighborhood level, and to target critical infrastructure for wildfire risk reduction. It could consider adjacent wildland fire behavior, local zoning, water supply, or adequacy of fire department access conditions.***"*

Community Wildfire Planning Center| August 31, 2021

Survey Findings- Desire for Action

Response from Eldorado National Forest (USFS)

"I don't know of [any successful WUI best practices that reduce risk] if I'm honest. I have worked for the United States Forest Service for 21 fire seasons and all efforts have been unsuccessful."

Wildfire risk mitigation is an ongoing challenge that could benefit from more research and new solutions.

Daniel Shelly/ The Mountain Democrat

Community Wildfire Planning Center | August 31, 2021

Best Practice Case Study Selection

53 → **21** → **14** → **9**

Communities of Interest*

Communities selected for an interview

Communities that were interviewed

Communities selected for case studies

*based on the inventory and survey results

Case Study Tools & Locations

- Fire Protection Plans

- Community Plans

- Recreation and Resiliency Master Plans

- Landscaping Ordinances

- Fire Hazard Abatement Ordinances

- Disaster Recovery Ordinances

- Wildfire Hazard Overlay Zones

- Assessment Districts

Aligning Activities

In combination with other guidance, tools, and training, the best practice case studies and inventory will equip planners across the state to build wildfire resilience.

Guidance	Tools	Training
Technical Advisories: •Fire Hazard TA •Evacuation Routes TA	Plan Alignment Tools: •Wildfire •Flood After Fire	CALFIRE Land Use Planner Training Program

Contact Information

For more information contact

Beth.Hotchkiss@opr.ca.gov

TOPICS
Plan Alignment

Climate Resilience Plan Alignment Guides

resilientca.org/topics/plan-alignment

What is Plan Alignment?

- The integration of disparate data & planning efforts to achieve more holistic, effective solutions & outcomes.

- Leveraging connections, information, & resources to build shared language, data foundations, & processes.

- Building different plans (with different scopes and purposes) with the same data, similar underlying assumptions, aligned visions, and supporting goals, strategies, and actions.
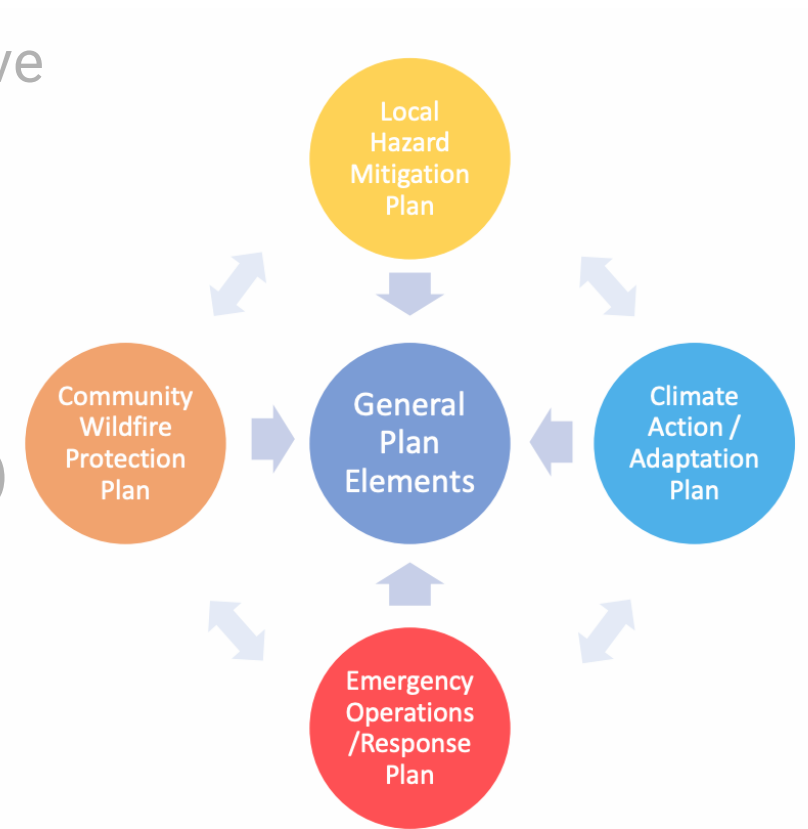
What is Plan Alignment? (cont.)

For example, a General Plan update must have horizontal and vertical alignment:

- **Horizontal:** A General Plan must be internally consistent across all elements.
- **Vertical:** Other local agency plans, codes, and ordinances must be consistent with and serve to implement general plan vision, goals and policies.

What are the benefits of plan alignment?

Implementation

- Achieve climate resilience & hazard mitigation goals effectively & efficiently;
- Integrate multiple priorities holistically throughout govt. decision-making;
- Achieve more locally meaningful, actionable plans;

Community

- Engage community more strategically, meaningfully, & respectfully;
- Send consistent messages to the community; build trust in govt. processes;
- Build stronger internal & external relationships, capacity & collaboration skills;

What are the benefits of plan alignment?

Reduce barriers
- Reduce duplication across departments, agencies, & jurisdictions;
- Avoid policy conflicts and unnecessary bureaucracy;

Leverage resources
- Share and multiply institutional knowledge, resources, relationships
- Become more competitive for funding opportunities

OPR-ICARP Climate Resilience Plan Alignment Guides

Goal: Support alignment of multiple resilience planning efforts.

Audience: California local government agency staff, state and federal agencies, and non-government organizations.

Coastal Plan Alignment Compass Guide	Wildfire Resilience Plan Alignment Guide	Flood-After-Fire Plan Alignment Guide

OPR-ICARP Climate Resilience Plan Alignment Guides

Other Objectives:

1. Spark ideas for integrating climate adaptation & hazard mitigation into multiple local plans.

2. Suggest ways to begin aligning city and county planning processes that consider hazard resilience. Encourage engagement of multiple jurisdictions and sectors in this alignment.

3. Share which tools and state guidance documents support each planning step when incorporating hazards into plans.
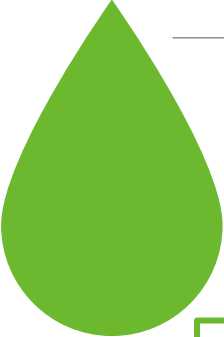
Wildfire Resilience Plan Alignment Guide

Addressing Wildfire Resilience in the Wildland-Urban Interface (WUI)

- Funded through a CAL FIRE & OPR interagency agreement
- Will translate findings from OPR's Wildland Urban Interface Best Practices Inventory into an interactive guide for planners & decisionmakers to reduce wildfire risk in the WUI
- Deliverables: print guide, online guide, 1 case study

Flood-After-Fire Plan Alignment Guide

Addressing the risk of compounding impacts from Flood-After-Fire events

- Funded through OPR-FEMA Cooperative Technical Partners grant

- Will translate results of our inventory report and needs assessment into an online interactive guide for planners & decision-makers to handle the compounding issue of flooding in fire burn scars ("flood after fire" events)

- Deliverables: inventory report, needs assessment, print guide, online guide, 1 case study

Plan Alignment Advisory Group

The Advisory Group will:

- Guide the vision, purpose, and objectives for each tool,
- Identify key planning mechanisms
- Identify alignment strategies
- Identify crosswalk opportunities and tricky spots to avoid,
- Provide subject-matter expertise and connections, and
- Review and provide feedback on iterative versions

Local Government Group

The Focus Group will:

- Represent the primary target audience for the plan alignment guides
- Ground-truth the guidance from the Advisory Group
- Provide local planning expertise and recommendations
- Share examples of challenges and successes from local plan alignment efforts
- Review and provide feedback on iterative versions

Key Questions

1. **In reviewing the Guides' audience and objectives, what should be our priorities throughout development?**

2. **What plans should we focus on for each guide?**

3. What is the purpose of each plan/motivation behind it, and how is each plan used?

4. **What are "best practices"?**

5. Who are the key players for each type of plan?

6. **Where are local governments getting stuck, and why?**

7. Where do plans align/have potential to align, where do they conflict?

Priorities

- Accessible, manageable, non-duplicative

- Support equitable planning processes and adaptation outcomes

- Identify linkages to funding streams & requirements, for example, CDBG-MIT and FEMA HMA programs

- Longevity and flexibility (easy to update)

- Integrate & socialize long term recovery planning

- Support local implementation/shovel ready resilience projects

- Illuminate and disseminate best practices and case studies

Feedback – Priorities:

The process should... Support state & federal interagency alignment; & identify opportunities to remove barriers and better support local planning

The Guides should....

- **Be Accessible:** brief, manageable content, non-duplicative; guidance that is easy to implement right away; guidance that can adapt over time

- **Support implementation:** drive plans that are actionable, flexible, and efficient

- **Drive collaboration:** guide shared stewardship across jurisdictional boundaries; support alignment with regional plans and regulations

- **Support the process:** amplify best practices, support adaptive planning, result in multiple co-benefits, support strategic alignment of planning process timelines

Feedback – Local Plans

Core plans to align across all climate risks:

- General Plans, Hazard Mitigation Plans, Climate Action/Adaptation Plans

Wildfire Resilience Guide:

- Add Community Wildfire Protection Plans

Flood-After-Fire:

- Add Pre/Post Disaster Short/Long Term Recovery Plans, and Local Coastal Programs

Feedback – Policies & Regulations

- SB 379/ SB 1035 – climate adaptation planning requirements in the safety element
- CA Fire Codes, wildfire protection building construction codes, hazardous vegetation and fuel management codes, CA building codes
- SB 1241 – wildfire hazard planning requirements in the safety element
- CA Fair Housing laws, Housing Elements & new development
- CA Public Resource Code 4291 – WUI building defensible space regulations
- NEPA/CEQA & CA Vegetation Treatment Program
- State & Federal Wildfire plans & task forces
- GHG mitigation goals & strategies

Feedback -Areas for exploration:

- Coastal Act/Local Coastal Program & plans

- Local/Federal Recreation plans

- CalTrans Vegetation management plans & long range corridor plans

- Local Emergency Plans

- CAL FIRE Unit Plans

What are we missing?

Baseline

- General Plan & Elements
- Hazard Mitigation Plan
- Climate Action/Adaptation Plan
- Pre-/Post- Disaster Recovery Plan
- Community Wildfire Protection Plan

On the fence

- Local Coastal Program
- Emergency Plan
- CEQA/ NEPA/ CalVTP
- Unit Plan
- Community/ Area Plan
- Others....?

Thank you!

Nikki Caravelli (she/her)

Associate Planner, Climate Resilience

nikki.caravelli@opr.ca.gov

Taylor Carnevale (she/her)

Assistant Planner, Climate Resilience

taylor.carnevale@opr.ca.gov

Breakout Room Discussion

Do you have examples of good plan alignment? What case studies would be most helpful for you?

Which plans should we consider including in the plan alignment guides?

How do we support plan alignment at the local level in a way that sets up local agencies for state and federal funding?

Do you have suggestions for outreach or know of opportunities to put the best practice case studies and plan alignment tools to use?

Linking Hazard Mitigation Funding with Climate Resilience Goals & Projects

Discussion Questions

What barriers have communities faced in accessing these funding sources?

How can these and future programs align to better meet local and regional implementation needs and priorities?

Regional Climate Collaboratives Listening Session

Agenda
➢Overview Presentation
➢Discussion

CALIFORNIA STRATEGIC GROWTH COUNCIL

Community Assistance for Climate Equity

California Climate Investments Technical Assistance Program
Helps level the playing field for applicants that may lack the capacity to successfully access these funds that help advance the State's climate equity goals.

BOOST Program
Provides customized coaching – staff training, grant application support, and stakeholder and engagement – to local governments.

Partners Advancing Climate Equity Pilot Program
Resources frontline community leaders to support equitable action on climate change, air quality, health, equity.

CALIFORNIA STRATEGIC GROWTH COUNCIL

Regional Climate Collaboratives (RCC)

- Established by Senate Bill 1072

- Assist under-resourced communities within a region to access statewide public and other grant moneys

- Collaboratives will conduct capacity building activities to enhance their ability to drive and sustain climate action

CALIFORNIA
STRATEGIC
GROWTH
COUNCIL

Capacity Building Definition

The process of **strengthening local coordination, leadership, knowledge, skills, expertise, and access to resources** in under-resourced communities with the goal of helping to develop or increase the ability of that community to independently compete for grants and implement projects in the future.

CALIFORNIA STRATEGIC GROWTH COUNCIL

RCC in the Climate Resiliency Budget

- SGC received **$20 million** to implement the program

- Must spend down all funds by 2027

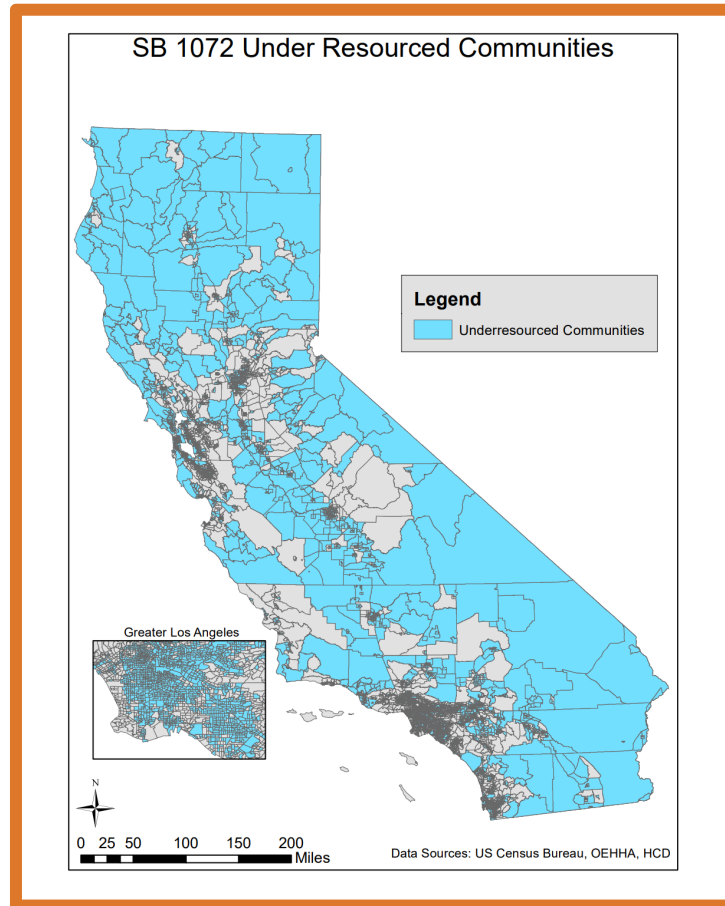- Exploring number of funding rounds
  - Two rounds
  - Three rounds

CALIFORNIA
STRATEGIC
GROWTH
COUNCIL

How is RCC different from other collaboratives?

CALIFORNIA STRATEGIC GROWTH COUNCIL

Under-resourced Communities

SB 1072 Under Resourced Communities

Legend
Underresourced Communities

Greater Los Angeles

0 25 50 100 150 200 Miles

Data Sources: US Census Bureau, OEHHA, HCD

1. Top 25% CalEnviroScreen
2. AB 1550 low-income Communities
3. Communities with median household income less than 80% of statewide average

CALIFORNIA STRATEGIC GROWTH COUNCIL

Scale

- We have flexibility in how we define region, want RCC to support collaboratives of various sizes and scales

- Envision collaboratives that are primarily working at a place-based level and are connected to and aligned with regional initiatives

- Legislation states that where feasible, RCCs should leverage, complement, and build on existing regional efforts and resources for capacity building and technical assistance

What is mandated by Senate Bill 1072?

CALIFORNIA STRATEGIC GROWTH COUNCIL

Eligible Applicants

- Community-based organizations
- Nonprofits and foundations
- Small businesses
- Local government agencies
- Joint powers authorities
- Tribal governments
- Other organizations with a history of providing community-based outreach and technical assistance

CALIFORNIA
STRATEGIC
GROWTH
COUNCIL

Structure of Collaboratives

- Eligible applicants shall form a regional **collaborative stakeholder structure** and shall collectively submit one application based on a shared vision.

- Each collaborative shall select a **managing stakeholder** that can demonstrate the organizational capacity to complete projects and the financial capacity to receive and be accountable for the grant.

CALIFORNIA STRATEGIC GROWTH COUNCIL

Guidelines Development

CALIFORNIA
STRATEGIC
GROWTH
COUNCIL

Timeline

- Nov '21-Jan '22: SGC develops first draft
- Jan: Release draft guidelines for 30-day public comment
- Jan-Feb: Public workshops
- Feb-March: SGC updates draft to incorporate public comments
- April: SGC posts proposed guidelines and presents to Council for adoption
- Spring: SGC releases NOFA
- Summer: First round of RCC grants awarded

Engagement Highlights: What We've Heard so Far

Regional Climate Collaboratives Guidelines Development Listening Sessions

CALIFORNIA STRATEGIC GROWTH COUNCIL

Discussion

California Strategic Growth Council

Guiding Questions

- What are barriers to meaningful partnerships?

- What specific costs should this grant fund?

- How can collaboratives lead to more community-driven planning and decision-making?

- Knowing this program is focused on supporting the most under-resourced communities access to funding for priority projects, what is the appropriate size of a region to accomplish this goal?

Thank you!

Coral Abbott: coral.abbott@sgc.ca.gov

Sarah Risher: sarah.risher@sgc.ca.gov

Public comments and letters can be sent to TA@sgc.ca.gov

CALIFORNIA STRATEGIC GROWTH COUNCIL

Item Public Comment

Item 7 | General Public Comment

Item 8 | Closing, Future Agenda Items, & Meeting Adjourned

Next Meetings

- ICARP Impact Report and 2022 Priorities Work Group Meeting

- Resilience Metrics Work Group Meeting

- 2022 Quarterly Council Meeting Dates Coming soon!

Thank you!